

TILE SETTER

A student who has completed the Job Corps Tile Setter program is equipped with the skills to contribute to your company as a valued employee from day one. Competence in academic and vocational skills is required for graduation. In addition, Job Corps students learn employability and technological skills. To complete his or her Tile Setter training, a student must master skills in these categories:

TILE SETTER, PRE-APPRENTICE

SAFETY

Demonstrate general shop, tool and equipment safety; define and explain the Material Safety Data Sheet (MSDS).

SPECIALIZED TRAINING

Lay out an arch, basic column and basic stair; install mosaic work, terrazzo tile and marble floor; read a blueprint.

TILE SETTER TRAINEE

IDENTIFY AND DESCRIBE SAFETY PROCEDURES

Know reasons and rules for practicing job safety; describe procedures used to maintain a clean and orderly work area; describe safety hazards associated with tile setting; know safety work practices associated with materials needed in installation, repair, renovation and maintenance of ceramic tile; know safety rules concerning use of toxic liquids/materials/safety data sheets; describe emergency accident procedures.

USE OF TOOLS AND EQUIPMENT

Use hand tools; operate mortar mixer; operate wet and/or dry tile saw; set up and break down scaffolding.

TILE FAMILIARIZATION

Identify glazed wall tile, ceramic mosaics, quarry tile, marble and marble tile, terrazzo and terrazzo tile, specialty tile and pavers; prepare room to be tiled.

MORTAR MIXING

Mix wall, ceiling, floor and countertop mortar by hand and mechanically; identify additives for mixing mortars.

TILE GROUTING AND TYPES

Mix and install dry, sanded, colored and epoxy grout by hand and mechanically; mix and grout ceramic mosaics, quarry tile, grout mosaics, grout marble, grout pavers and grout specialty tile by hand and mechanically; mix and regrout tile; demonstrate cleaning methods and caulking; use sealers; describe additives used in grout.

CLEANING AND CARE OF TILE

Know safety precautions for use of detergents, sealers and acids; use detergents; apply sealers; know types of acids and uses.

SURFACE PREPARATION

Cut and install sheetrock, cementitious backer board, paper and wire; prepare masonry wall, concrete floor and countertops for tile; install tile over tile; lay out a tile wall; demonstrate floating walls, ceilings, floors and countertops.

SETTING TILE

Lay out a tub splash; set tile with mastics, thinset and mortars; install a tile wall, ceiling, floor, countertop, tub splash and shower; read a level and tape measure; set up and operate a one-person water level; square off and lay out a room.